



SEQUENCE LISTING

<210> Mirkin, Chad A.
Letsinger, Robert L.
Mucic, Robert C.
Storhoff, James J.
Elghanian, Robert
Taton, Thomas A.

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
AND USES THEREFOR

<130> 00-713-i8

<140> 09/974,007
<141> 2001-10-10

<150> 09/603,830
<151> 2000-06-26

<150> 09/344,667
<151> 1999-06-25

<150> 09/240,755
<151> 1999-01-29

<150> PCT/US97/12783
<151> 1997-07-21

<150> 60/031,809
<151> 1996-07-29

<150> 60/200,161
<151> 2000-04-26

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16

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<400> 8
gaaaaggaa ggaga 15

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ctttccctt cctct 15

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aaacgactct agcgctata gttgccat 28

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agcatggtcg ataggaaacg actctagcgc 30

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gcgctagagt cgttt 15

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gtcgatagga aacgactcta gcgc 24

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tgcatgattg cctcgtctta acgg 24

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atcctgaatg cg 72

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gttgtccgt aagcgtccaa tatatgcattt attgcctcgt cttaacgg 48

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<400> 33
tctcaactcg ta 12

<210> 34
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tagcagttga gaatcctgaa tgcg 24

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<400> 35
cgcatcagg at 12

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attgaagata ctgaaggct t 141

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taacaataat ccctc 15

<210> 38
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synthetic sequence

<400> 38
atccttatca atatt 15

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tgagcctcct taactactga ctcatccgcc 30

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tgttgacgaa ttaattactt ctcta 25

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synthetic sequence

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<400> 43
tctcaactcg taaaaaaaaaa aa 22

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tacgagttga gaatcctgaa tgcg 24

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aaaaaaaaaaa cgcattcagg at 22

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synthetic sequence

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synthetic sequence

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aaaaaaaaaaa cgcattcagg at 22

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tacaggttga gaatcctgaa tgcg 24

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synthetic sequence

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ctacttagat ccgagtgcc acat 24

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aaaaaaaaaa aaaaaaaaaa cgcattcagg at 32

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atcctgaatg cg 12

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atccttatca atatt 15

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gcgttaagtcc tacaacaggc atttcgcagg ttatatacgt actaacggag cagaattgcc 60
agagttgagc at 72

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48